

CLEAN VERSION OF CLAIMS

b1

Sub
C1

1. (amended) A structure for mounting cameras on a vehicle, comprising:

a chassis having a predetermined length and extended in a lateral direction of a vehicle body;

a pair of stereo cameras having a camera on the right and left sides for obtaining an image signal of a forward road environment of said vehicle, each of said right side and left side cameras being mounted on each right side and left side ends of said chassis in said lateral direction having a positional relationship to each other; and

a mounting seat member formed in a center of said chassis and for fixing onto a predetermined mounting position of said vehicle body so as to mount said pair of cameras on said vehicle body;

portions of said chassis other than said mounting seat member are disposed apart from the vehicle body when said chassis is mounted in said vehicle.

2. (amended) ~~[The]~~ A structure for mounting cameras on a vehicle, comprising:

a chassis having a predetermined length and extended in a lateral direction;

a pair of stereo cameras mounted on said chassis with for obtaining an image signal of a forward road environment, each camera being mounted on both ends of said chassis; and

a mounting seat member formed in a center of said chassis and for fixing onto a predetermined mounting position of said vehicle body; and

a taper plate intervenient between said mounting seat member and said mounting position on the vehicle body when fixing said chassis onto the mounting position of the vehicle body.

3. (amended) The structure for mounting camera on a vehicle according to claim 2, wherein:

said taper plate is one of a plurality of taper plates prepared in advance which are formed by wedge-like plates with different taper angle when fixing said chassis onto the mounting position of the vehicle body;

wherein

said taper plate has the most adequate taper angle among said plurality of taper plates,

4/25/02

and intervenes between said mounting seat member and the vehicle body so as to dispose said pair of cameras mounted on said chassis in the predetermined mounting position of the vehicle body.

4. (amended) A structure for mounting cameras on a vehicle, comprising:

a chassis having a predetermined length and extended in a lateral direction;

a pair of stereo cameras mounted on both ends of said chassis for obtaining an image signal of a forward road environment;

a mounting seat member formed in a center of said chassis and fixed onto a predetermined mounting position of said vehicle body; and

falling prevention members for engaging the both ends of said chassis with the vehicle

body.
